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Sheet 1 of 14

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 5217	SERIAL NO. 09/191,520
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT John S. HENDRICKS et al.	
		FILING DATE November 13, 1998	GROUP 2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK	AA	5 3 5 7 2 7 6	10/18/94	Banker et al.			
AK	AB	4 7 1 2 1 0 5	12/8/87	Kohler			
AK	AC	5 2 5 3 0 6 6	10/12/93	Vogel			
AK	AD	5 1 3 0 7 9 2	7/14/92	Tindell et al.			
AK	AE	5 1 5 2 0 1 1	9/29/92	Schwob			
AK	AF	4 9 9 6 5 9 7	2/26/91	Duffield			
AK	AG	5 3 4 1 1 6 6	8/23/94	Garr et al.			
AK	AH	4 7 0 6 1 2 1	11/10/87	Young			
AK	AI	4 9 2 8 1 6 8	5/22/90	Iwashita			
AK	AJ	5 1 4 4 6 6 3	9/1/92	Kudelski et al.			
AK	AK	5 1 0 5 2 6 8	4/14/92	Yamanouchi et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	AL	3 1 1 4 3 7 5	5/15/91	Japan				
AK	AM	3 9 3 5 2 9 4	4/25/91	Germany				
AK	AN	4 2 0 1 2 3	4/3/91	EPO				
AK	AO	6 2 2 4 7 7 7	2/2/87	Japan				
AK	AP	1 1 3 0 6 8 3	5/23/89	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	AQ	Reimer, "Memories in my Pocket", February 1991.
AK	AR	Olshansky et al., "Subscriber Distribution Networks Using Compressed Digital Video", November 1992.
AK	AS	Dinaio, et al., "Markets and Products Overview", 1991.

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Sheet 2 of 14FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

5217

SERIAL NO.

09/191,520

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT John S. HENDRICKS et al.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK	BA	4 9 4 7 4 2 9	8/7/90	Bestler et al.			
AK	BB	5 0 9 3 7 1 8	3/3/92	Hoarty et al.			
AK	BC	5 0 4 6 0 9 3	9/3/91	Wachob			
AK	BD	5 0 2 0 1 2 9	5/28/91	Martin et al.			
AK	BE	4 7 9 2 9 7 2	12/20/88	Cook, Jr.			
AK	BF	5 0 7 7 6 0 7	12/31/91	Johnson et al.			
AK	BG	4 9 7 5 9 5 1	12/4/90	Bennett			
AK	BH	4 8 6 0 3 7 9	8/22/89	Schoeneberger et al.			
AK	BI	4 4 8 4 2 1 7	11/20/84	Block et al.			
AK	BJ	5 0 9 1 7 8 2	2/25/92	Krause et al.			
AK	BK	5 0 5 7 9 1 7	10/15/91	Shalkauser et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	BL	9 2 1 7 0 2 7	10/1/92	PCT				
AK	BM	9 1 0 0 6 7 0	1/10/91	PCT				
AK	BN	4 2 4 6 4 8	5/2/91	EPO				
AK	BO	5 0 6 4 3 5	9/30/92	EPO				
AK	BP	4 0 2 8 0 9	12/19/90	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	BQ	Advertisement, "Hong Kong Enterprise", November 1988
AK	BR	Advertisement, "Great Presentations", 1987
AK	BS	Advertisement, "Consumer Dist.", Fall/Winter 1992

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK	CA	5 0 4 9 9 9 0	9/17/91	Kondo et al.			
AK	CB	4 8 1 6 9 0 1	3/28/89	Music et al.			
AK	CC	4 6 8 8 2 4 6	8/18/87	Eilers et al.			
AK	CD	4 9 4 9 1 8 7	8/14/90	Cohen			
AK	CE	4 9 9 5 0 7 8	2/19/91	Monslow et al.			
AK	CF	5 0 2 7 4 0 0	6/25/91	Baji et al.			
AK	CG	5 1 7 2 4 1 3	12/15/92	Bradley et al.			
AK	CH	5 2 0 6 7 2 2	4/27/93	Kwan			
AK	CI	5 2 4 7 3 4 7	9/21/93	Litteral et al.			
AK	CJ	5 1 6 6 8 8 6	11/24/92	Molnar et al.			
AK	CK	5 2 2 3 9 2 4	6/29/93	Strubbe			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	CL	8 6 0 1 9 6 2	3/27/86	PCT				
AK	CM	8 9 0 9 5 2 8	10/5/89	PCT				
AK	CN	9 2 2 1 2 0 6	11/26/92	PCT				
AK	CO	9 0 1 0 9 8 8	9/20/90	PCT				
AK	CP	1 8 7 9 6 1	7/23/86	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	CQ	van den Boom, "Interactive Videotex. . .", Nov.-Dec. 1986.
AK	CR	Moloney, "Digital Compression in Todays. . .", June 6, 1993
AK	CS	Bestler, "Flexible Data Structures. . .", June 6, 1993

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK	DA	5 2 8 9 2 7 1	2/22/94	Watson			
AK	DB	4 9 5 9 8 1 0	9/25/90	Darbee et al.			
AK	DC	4 4 8 8 1 7 9	12/11/84	Kruger et al.			
AK	DD	4 9 7 7 4 5 5	12/11/90	Young			
AK	DE	5 1 5 1 7 8 9	9/29/92	Young			
AK	DF	D 3 0 1 0 3 7	5/9/89	Matsuda			
AK	DG	D 3 1 4 3 8 3	2/5/91	Hafner			
AK	DH	D 3 2 5 5 8 1	4/21/92	Schwartz			
AK	DI	D 3 2 9 2 3 8	9/8/92	Grasso et al.			
AK	DJ	D 3 3 1 7 6 0	12/15/92	Renk, Jr.			
AK	DK	5 0 1 5 8 2 9	5/14/91	Eilert et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	DL	1 1 4 2 9 1 8	6/5/89	Japan				
AK	DM	3 5 5 6 9 7	2/28/90	EPO				
AK	DN	4 2 5 8 3 4	5/8/91	EPO				
AK	DO	5 1 3 7 6 3	11/19/92	EPO				
AK	DP	3 1 9 8 1 1 9	8/29/91	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	DQ	Sharpless, "Subscription Teletext for Value Added Services", August 1985.
AK	DR	Gelman et al., "A Store-and Forward. . .", June 21, 1991.
AK	DS	Hewlett Packard Co., "HP-41C Operating Manual", December, 1982

EXAMINER ANDREW Y. KOPOLG	DATE CONSIDERED 2/1/02
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK	EA	5 2 0 2 8 1 7	4/13/93	Koenck et al.			
AK	ER	5 2 5 3 2 7 5	10/12/93	Yurt et al.			
AK	EC	5 2 8 3 6 3 9	2/1/94	Esch et al.			
AK	ED	5 3 4 5 5 9 4	9/6/94	Tsuda			
AK	EE	5 4 1 6 5 0 8	5/16/95	Sakuma et al.			
AK	EF	4 9 6 1 1 0 9	10/2/90	Tanaka			
AK	EG	4 8 2 9 5 5 8	5/9/89	Welsh			
AK	EH	5 1 3 3 0 7 9	7/21/92	Ballantyne et al.			
AK	EI	5 3 5 5 1 6 2	10/11/94	Yazolino et al.			
AK	EJ	5 1 8 2 6 3 9	1/26/93	Jutamulia et al.			
AK	EK	5 1 3 2 7 8 9	7/21/92	Ammon et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	EL	9 2 1 2 5 9 9	7/23/92	PCT				
AK	EM	2 1 6 8 2 2 7	6/11/86	Great Britain				
AK	EN	2 0 4 4 5 7 4	12/14/92	Canada				
AK	EO	5 2 5 0 1 0 6	9/28/93	Japan (Abstract)				
AK	EP	6 1 0 6 0 1 5	3/27/86	Japan (Abstract)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	EQ	Sorce, et al., "Human Factors In Telecommunications," September 1990

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AK	FA	4 8 7 6 7 3 6	10/24/89	Kiewit			
AK	FB	5 2 9 3 5 4 0	3/8/94	Trani et al.			
AK	FC	5 0 0 1 5 5 4	3/19/91	Johnson et al.			
AK	FD	5 4 1 0 3 2 6	4/25/95	Goldsetin			
AK	FE	5 0 4 7 8 6 7	9/10/91	Strubbe et al.			
AK	FF	5 3 5 3 1 2 1	10/4/94	Young et al.			
AK	FG	5 4 1 4 4 2 6	5/9/95	O'Donnell et a.			
AK	FH	5 4 0 4 3 9 3	4/4/95	Remillard			
AK	FI	5 2 3 7 3 1 1	8/17/93	Mailey et al.			
AK	FJ	5 0 7 8 0 1 9	1/27/92	Aoki			
AK	FK	5 4 1 0 3 4 4	4/25/95	Graves et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	FL	2 4 3 3 1 2	10/28/87	EPO				
AK	FM	9 3 2 2 8 7 7	11/11/93	PCT				
AK	FN	9 2 2 1 2 0 6	11/26/92	PCT				
AK	FO	9 1 0 0 6 7 0	1/10/91	PCT				
AK	FP	9 1 0 3 1 1 2	3/7/91	PCT				

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AK	GA	5 1 5 5 5 9 1	10/13/92	Wachob			
AK	GB	5 4 3 2 5 4 2	7/11/95	Thibadeau et al.			
AK	GC	5 0 3 6 5 3 7	7/30/91	Jeffers et al.			
AK	GD	5 3 2 3 2 4 0	6/21/94	Amano et al.			
AK	GE	5 3 6 7 5 7 1	11/22/94	Bowen et al.			
AK	GF	4 3 6 1 8 4 8	11/30/82	Poignet et al.			
AK	GG	5 2 6 0 7 7 8	11/9/93	Kauffman et al.			
AK	GH	3 8 9 1 7 9 2	6/24/75	Kimura			
AK	GI	5 0 3 6 3 9 4	7/30/91	Morii et al.			
AK	GJ	4 6 3 9 2 2 5	1/27/87	Washizuka			
AK	GK	4 8 2 9 5 6 9	5/9/89	Seth-Smith et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	GL	9 2 1 1 7 1 3	7/9/92	PCT				
AK	GL	1 2 0 4 1 9 0	9/3/70	Great Britain				
AK	GM	3 4 2 3 8 4 6	1/9/86	Germany				
AK	GN	2 3 4 2 2 3	11/11/94	Taiwan				
AK	GO	2 3 6 0 6 5	12/11/94	Taiwan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 8 of 14

FORM PTO-1489 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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ATTY. DOCKET NO.

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SERIAL NO.

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APPLICANT

John S. HENDRICKS et al.

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2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK	HA	4 6 0 5 9 6 4	8/12/86	Chard			
AK	HB	4 6 8 8 2 1 8	8/18/87	Bliveau et al.			
AK	HC	5 1 5 1 7 8 2	9/29/92	Ferraro			
AK	HD	5 2 0 6 9 5 4	4/27/93	Inoue et al.			
AK	HE	5 3 4 3 2 3 9	8/30/94	Lappington et al.			
AK	HF	5 3 2 7 5 5 4	7/5/94	Palazzi, III et al.			
AK	HG	4 7 2 4 4 9 1	2/9/88	Lambert			
AK	HH	5 3 7 5 0 6 8	12/20/94	Palmer et al.			
AK	HI	5 2 1 6 5 1 5	6/1/93	Steele et al.			
AK	HJ	5 3 3 9 3 1 5	8/16/94	Maeda et al.			
AK	HK	4 6 9 7 2 0 9	9/29/87	Kiewit et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	HL	2 3 5 3 5 9	12/1/94	Taiwan				
AK	HM	2 3 5 3 5 8	12/1/94	Taiwan				
AK	HN	2 3 6 7 4 4	12/21/94	Taiwan				
AK	HO	2 3 8 4 6 1	4/23/92	Taiwan				
AK	HP	1 6 7 2 3 7	1/8/86	EPO				

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AK	IA	5 4 8 1 2 9 4	1/2/96	Thomas et al.			
AK	IB	5 4 7 3 3 6 2	12/5/95	Fitzgerald			
AK	IC	5 1 5 0 1 1 8	9/22/92	Finkle et al.			
AK	ID	5 4 7 9 2 6 8	12/26/95	Young et al.			
AK	IE	5 3 4 1 4 7 4	8/23/94	Gelman et al.			
AK	IF	5 3 1 9 4 5 5	6/7/94	Hoarty et al.			
AK	IG	5 4 7 7 2 6 3	12/19/95	O'Callaghan et al.			
AK	IH	5 0 1 4 1 2 5	5/7/91	Pocock et al.			
AK	II	5 1 3 2 9 9 2	7/21/92	Yurt et al.			
AK	IJ	4 5 1 7 5 9 8	5/14/85	VanValkenburg et al.			
AK	IK	4 5 8 7 5 2 0	5/6/86	Astle			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	IL	1 4 9 5 3 6	1/18/84	EPO				
AK	IM	1 5 8 5 4 8	10/16/85	EPO				
AK	IN	1 4 5 0 6 3	6/19/85	EPO				
AK	IO	1 0 3 4 3 8	3/21/84	EPO				
AK	IP	3 9 9 2 0 0	11/28/90	EPO				

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AK	JA	5 5 1 5 0 9 8	5/7/96	Carles			
AK	JB	5 4 1 2 4 1 6	5/2/95	Nemirofsky			
AK	JC	5 4 0 0 4 0 1	3/21/95	Wasilewski et al.			
AK	JD	5 2 8 5 2 7 2	2/8/94	Bradley et al.			
AK	JE	5 4 4 6 9 1 9	8/29/95	Wilkins			
AK	JF	5 4 4 2 6 2 6	8/15/95	Wei			
AK	JG	5 4 8 1 5 4 2	1/2/96	Logston et al.			
AK	JH	5 4 8 1 2 9 6	1/2/96	Cragun et al.			
AK	JI	5 3 5 1 0 7 5	9/27/94	Herz et al.			
AK	JJ	5 4 8 3 2 7 8	1/9/96	Strubbe et al.			
AK	JK	5 4 6 9 2 0 6	11/21/95	Strubbe et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	JL	4 5 0 8 4 1	10/9/91	EPO				
AK	JM	2 2 4 5 1 6 7	3/31/89	Japan				
AK	JN	2 1 7 7 8 7 3	1/28/87	Great Britain				
AK	JO	2 1 4 0 1 3 4	6/23/87	Japan				
AK	JP	2 8 1 2 9 3	9/7/88	EPO				

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AK	KA	5 3 1 9 7 0 7	6/7/94	Wasilewski et al.			
AK	KB	5 2 4 2 7 7 0	6/13/95	Schmelzer et al.			
AK	KC	4 6 9 4 4 9 0	9/15/87	Harvey et al.			
AK	KD	4 4 6 5 8 2 5	10/23/90	Harvey et al.			
AK	KE	4 5 2 8 6 4 3	7/9/85	Freeny, Jr.			
AK	KF	5 2 3 7 6 1 0	8/17/93	Gammie et al.			
AK	KG	4 7 1 2 1 3 0	12/8/87	Casey			
AK	KH	5 2 8 2 0 2 8	1/25/94	Johnson et al.			
AK	KI	5 6 4 4 3 5 4	7/1/97	Thompson et al.			
AK	KJ	5 5 7 0 1 2 6	10/29/96	Blahut et al.			
AK	KK	5 6 6 1 5 1 6	8/26/97	Carles			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AK	KL	5 1 3 5 5 3	11/19/92	EPO				
AK	KM	5 7 0 7 8 5	11/24/93	EPO				
AK	KN	3 2 8 4 4 0	8/8/89	EPO				✓
AK	KO	1 0 2 0 4 5 4	1/30/89	Japan				

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Sheet 12 of 14

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 5217	SERIAL NO. 09/191,520
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT John S. HENDRICKS et al.	
		FILING DATE November 13, 1998	GROUP 2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK	LA	5 7 2 4 0 9 1	3/3/98	Freeman et al.			
AK	LB	5 3 4 3 5 1 6	8/30/94	Callele et al.			
AK	LC	4 8 0 5 0 1 4	2/14/89	Sahara et al.			
AK	LD	4 3 8 1 5 2 2	4/26/83	Lambert			
AK	LE	5 5 0 0 7 9 4	3/19/96	Fujita et al.			
AK	LF	5 2 5 3 3 4 1	10/12/93	Rozmanith et al.			
AK	LG	5 0 7 3 9 3 0	12/17/91	Green et al.			
AK	LH	5 0 7 5 7 7 1	12/24/91	Hashimoto			
AK	LI	5 6 9 6 9 0 6	12/9/97	Peters et al.			
AK	LJ	5 1 0 3 3 1 4	4/7/92	Keenan			
AK	LK	5 4 0 4 5 0 5	4/4/95	Levinson			

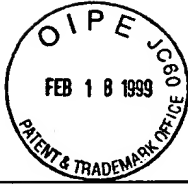
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER ANDREW Y KOENIG	DATE CONSIDERED 7/1/02
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK	MA	5 3 9 0 3 4 8	2/14/95	Magin et al.			
AK	MB	4 3 9 8 2 1 6	8/9/83	Field et al.			
AK	MC	4 6 3 3 4 6 2	12/30/86	Stifle et al.			
AK	MD	5 3 6 5 2 6 5	11/15/94	Shibata et al.			
AK	ME	5 3 9 6 5 4 6	3/7/95	Remillard			
AK	MF	5 4 6 1 6 6 7	10/24/95	Remillard			
AK	MG	5 5 6 1 7 0 8	10/1/96	Remillard			
AK	MH	5 5 6 1 7 0 9	10/1/96	Remillard			
AK	MI	5 3 4 9 6 3 8	9/20/94	Pitroda et al.			
AK	MJ	5 4 4 0 6 3 2	8/8/95	Bacon et al.			
AK	MK	5 0 5 6 1 3 8	10/8/91	Tyson, Sr.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

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EXAMINER Audrey Y Koenig	DATE CONSIDERED 7/1/02
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